PROJECT : CONSTRUCTION OF A TWO-STOREY MARINE MULTI-SPECIES HATCHERY BUILDING

LOCATION : Visayas State University - Tolosa Campus, Tanghas, Tolosa, Leyte

OWNER : Visayas State University

SUBJECT : BILL OF MATERIALS AND COST ESTIMATES

			UNIT	UNIT COST			TOTAL UNIT	TOTAL	OVERHEAD			
DESCRIPTION		QTY		MATERIALS	LABOR	TOOLS/ EQUIP	COST (Direct)	AMOUNT (DC)	/CONT/ MISCEL	ТАХ	PROFIT	TOTAL BID AMOUNT
a.	General Requirements											
	a.1 Mobilization / Demobilization	1	lot									
	a.2 Project Signboard											
	2" x 3" x 12' Coco Lumber	48	bd.ft.									
	Tarpaulin Printed (4'x8')	1	sheets									
	Common Wire Nails (assorted)	1	kgs.									
										Sub-to	tal (a):	0.0
b.	Siteworks											
	Selected Burrow (25% compaction factor)	206	cu.m.									
										Sub-to	tal (b):	0.0
c.	Site Layout, Formworks & Scaffoldings											
	1/2" x 4' x 8' Ordinary Plywood	578	sheets									
	2" x 2" x 12' Coco Lumber	2,547	bd.ft.									
	2" x 3" x 14' Coco Lumber	4,328	bd.ft.									
	CW Nails (assorted nails)	189	kgs.						1			
										Sub-to	tal (c):	0.0
d.	Masonry Works (w/ plastering & finishing)											
	4" CHB	8,653	pcs.									
	Portland Cement	721	bags									
	Washed Sand	54	cu.m.									
	12mmØ x 6m Def. RSB	539	pcs.									
	Ga. #16 Tie Wire	35	kgs.									
										Sub-to	tal (d):	0.0
e.	Reinforced Concrete Works											
	e.1 Wall Footings = 1.96 cu.m.											
	Portland Cement	18	bags									
	Sand	1	cu.m.									
	3/4" Gravel	2	cu.m.									
	10mmØ x 6m RSB	18	pcs.	1								
	12mmØ x 6m RSB	8	pcs.	1								
	Ga. #16 Tie Wire	2	kgs.									
										Sub-total (e.1):		0.0
	e.2 Column Footings = 43.44 cu.m.											
	Portland Cement	391	bags									
	Sand	22	cu.m.									
	3/4" Gravel	43	cu.m.									
	16mmØ x 6m RSB	370	pcs.									

			UNIT COST			TOTAL UNIT	TOTAL	OVERHEAD			TOTAL BID
DESCRIPTION	QTY	UNIT	MATERIALS	LABOR	TOOLS/ EQUIP	COST (Direct)	AMOUNT (DC)	/CONT/ MISCEL	ТАХ	PROFIT	AMOUNT
Ga. #16 Tie Wire	21	kgs.									í
									Sub-tot	al (e.2):	0.0
e.3 Footing Tie Beams = 15.20 cu.m.											
Portland Cement	137	bags									I
Sand	8	cu.m.									
3/4" Gravel	15	cu.m.									l
10mmØ x 6m RSB	350	pcs.									
16mmØ x 6m RSB	293	pcs.									
Ga. #16 Tie Wire	46	kgs.									
									Sub-tot	al (e.3):	0.0
e.4 Columns = 174.76 cu.m.											
Portland Cement	549	bags									
Sand	31	cu.m.									
3/4" Gravel	61	cu.m.									1
10mmØ x 6m RSB	1,040	pcs.									
16mmØ x 6m RSB	732	pcs.									Í
Ga. #16 Tie Wire	175	kgs.									Í
									Sub-tot	al (e.4):	0.0
e.5 Slab on Fill (Interior) = 32.83 cu.m.											1
Portland Cement	246	bags						1 1			
Sand	16	cu.m.						1 1			
3/4" Gravel	33	cu.m.									1
10mmØ x 6m RSB	222	pcs.									1
Ga. #16 Tie Wire	7	kgs.									i
		0-							Sub-tot	al (e.5):	0.0
e.6 1F Roof Beams, Walls Beams, & Floor Beams = 26.01 cu.m.											
Portland Cement	234	bags									1
Sand	13	cu.m.									1
3/4" Gravel	26	cu.m.									1
10mmØ x 6m RSB	469	pcs.									ĺ
12mmØ x 6m RSB	112	pcs.									1
16mmØ x 6m RSB	616	pcs.									
Ga. #16 Tie Wire	114	kgs.									1
		0-							Sub-tot	al (e.6):	0.0
e.7 2F Floor Slabs = 30.66 cu.m.											
Portland Cement	276	bags				1					1
Sand	15	cu.m.									[
3/4" Gravel	31	cu.m.									
12mmØ x 6m RSB	1,038	pcs.									[
Ga. #16 Tie Wire	120	kgs.									
	120								Sub-tot	al (e.7):	0.0
e.8 2F Roof Beams = 14.09 cu.m.											
Portland Cement	127	bags	1	i	<u> </u>						[

				UNIT COST			TOTAL UNIT	TOTAL	OVERHEAD			TOTAL BID
DESCRIPTION		QTY	UNIT	MATERIALS	LABOR	TOOLS/ EQUIP	COST (Direct)	AMOUNT (DC)	/CONT/ MISCEL	ТАХ	PROFIT	AMOUNT
Sand		7	cu.m.									
3/4" Gravel		14	cu.m.									
10mmØ x 6m RSB		357	pcs.									
12mmØ x 6m RSB		99	pcs.									
16mmØ x 6m RSB		325	pcs.									
Ga. #16 Tie Wire		69	kgs.									
										Sub-tot	al (e.8):	0.0
e.9 Stairs = 3.46 cu.m.												
Portland Cement		31	bags									
Sand		2	cu.m.									
3/4" Gravel		3	cu.m.									
10mmØ x 6m RSB		41	pcs.									
12mmØ x 6m RSB		54	pcs.			Ì						
16mmØ x 6m RSB		19	pcs.									
Ga. #16 Tie Wire		7	kgs.									
										Sub-tot	al (e.9):	0.0
e.10 Slab on fill (Entry Porch & P	WD Ramp) = 5.47 cu.m.											
Portland Cement		44	bags									
Sand		3	cu.m.									
3/4" Gravel		5	cu.m.									
10mmØ x 6m RSB		49	pcs.									
12mmØ x 6m RSB		10	pcs.									
Ga. #16 Tie Wire		5	kgs.									
										Sub-tota	l (e.10):	0.0
e.11 Countertop (Toilets) = 0.21 d	cu.m.										. ,	
Portland Cement		2	bags									
Sand		0	cu.m.									
3/4" Gravel		0	cu.m.									
10mmØ x 6m RSB		12	pcs.									
Ga. #16 Tie Wire		1	kgs.									
		_								Sub-tota	l (e.11):	0.0
										Sub-to		0.0
f. Ceiling Works												
3.5mm thk x 1.2m x 2.40m Fiber 0	Cement Board	221	sheets									
1/4" thk. x 4' x 8' Marine Plywood			'			1						
2" x 2" x 12' Good Lumber						1						
Furring Channel (0.50mm thk, 19r	nm x 50mm x 5m)	368	pcs.			1						
Carrying Channel (1mm thk, 12mr		173	pcs.			1						
Wall Angle (0.50mm thk, 24mm x	· · · · · · · · · · · · · · · · · · ·	146	pcs.									
Threaded Rod (3m)	,	311	pcs.									
J-Clip		931	pcs.									
Expansion Bolt		931	pcs.									
Connecting Clip (W-clip)		3,724	pcs.						 			<u> </u>

	DESCRIPTION		UNIT	UNIT COST			TOTAL UNIT	TOTAL	OVERHEAD			TOTAL BID
DE				MATERIALS	LABOR	TOOLS/ EQUIP	COST A (Direct)	AMOUNT (DC)	/CONT/ MISCEL	ТАХ	PROFIT	AMOUNT
	Self Drilling Metal Screw, 1" (1,000 pcs/Box)	26	box									
	Blind Rivets, 1/8" x 5/8" (1,000 pcs/Box)	2	box									
	1" Finishing Nails	4	kgs.									
	3" CW Nails	7	kgs.									
	3" Concrete Nails	15	kgs.									
	1" Concrete Nails	10	kgs.									
										Sub-to	tal (f):	0.0
g.	Roof Framing											
	2" x 6" x 12" Hardwood	359	pcs.									
	2" x 4" x 12' Hardwood	221	pcs.									
	2"x 3"x 12' Hardwood	293	pcs.									
	4" CW Nails	42	kgs.									
										Sub-to	tal (g):	0.0
h.	Roof											
	0.5mm thk Pre-painted, Longspan Rib Type Shts.	668	ln.m.									
	0.5mm thk x 18" x 2.4m Pre-painted, Prefab. Plain G.I. sheet Ridge Roll	69	pcs.									
	Wood Fascia Board 2"x 6"	61	pcs.									
	Tek Screw Wood	4,450	pcs.									
	Sealant	50	cans									
										Sub-to	tal (h):	0.0
i.	Doors & Windows											
	D1: Double Swing (2m x 2.1m) 2-Panel Door w/ Transom Window (2.10m x 0.35m)											
	w/ 1/4" thk. Glass	2	sets									1
	D2: Panel Door (1m x 2.1m) w/ Transom Window (1.1m x 0.35m & w/ 1/4" thk.											
	Viewing Glass	3	sets									1
	D3: Panel Door (0.8 x 2.1m) w/ Jamb and Complete Accessories	4	sets									
	D4: Hollow Core Flush Door (0.70m x 2.1m) w/ Jamb and Complete Accessories	2	sets									
	W1 : Aluminum Frame Sliding Window (2.8 x 1.2m) w/ Fixed Transom (2.8m x 0.40											
	m) w/ 1/4" thk Glass (white)	29	sets									l
	W2 : Aluminum Frame Sliding Window (2.25m x 1.2m) w/ Fixed Transom (2.25m x											
	0.40 m) w/ 1/4" thk Glass (white)	2	sets									l
	W3 : Aluminum Frame Sliding Window (2.4m x 1.2m) w/ Fixed Transom (2.4m x											
	0.4m) w/ 1/4" thk Glass (white)	1	sets									l
	W4 : Aluminum Frame Sliding Window (2.6m x 1.2m) w/ Fixed Transom (2.6m x											
	0.4m) w/ 1/4" thk Glass (white)	2	sets									l
	W5 : Aluminum Frame Sliding Window (2m x 1.2m) w/ Fixed Transom (2m x 0.40											
	m) w/ 1/4" thk Glass (white)	3	sets									l
	W6 : Aluminum Frame Awning Window (2.25 x 0.8m) (white)	1	sets									
		_			L					Sub-to	tal (i):	0.0
i.	Stair Handrail											
	1 1/2" x 1 1/2" x 1.0mm thk. x 6m Tubular	16	pcs.			Ì					1	
	2" x 4" x 10' Stair Wood Handrail	10	pcs.			Ì					1	
	Welding Rod	10	kgs.		L							

			UNIT	UNIT COST			TOTAL UNIT		OVERHEAD			TOTAL BID
DE	DESCRIPTION			MATERIALS	LABOR	TOOLS/ EQUIP	COST (Direct)	AMOUNT (DC)	/CONT/ MISCEL	ТАХ	PROFIT	AMOUNT
	General Purpose Construction Adhesive (300ml)	15	bottle									
	Grinding Stone	3	pcs.									
										Sub-to	tal (j):	0.0
k.	Ramp Railings											
	2"Ø Stainless Steel Pipe, Sched. 40 @ 6m long	11	pcs.									
	Welding Rod for Stainless	10	kgs.									
	Grinding Stone	3	pcs.									
										Sub-to	tal (k):	0.0
١.	Tile Works & Architectural Finishes											
	60x60cm Porcelain Tiles(Unglazed)	946	pcs.									
	30x30cm Porcelain Wall Tiles(Glazed)	637	pcs.									
	30x30cm Porcelain Tiles(Unglazed)	302	pcs.									
	Washed Sand	7	cu.m.									
	Portland Cement	51	bags									
	Tile Adhesive	58	bags									
	Tile Grout	40	bags									
	Brass Nosing	12	pcs.									
	Brass Nosing	12	pcs.									
	Tile Trim	3	pcs.									
										Sub-to	tal (I):	0.0
m.	Toilet & Urinal Partitions											
	Phenolic Toilet Partitions	4	cubicles									
	Phenolic Urinal Partions	2	panels									
	Stainless Steel Sink, 8" Depth	2	sets									
	Stainless Steel Grab Bar	2	sets									
	Floor Drain, Stainless (4"x4")	16	sets									
										Sub-tot	al (m):	0.0
n.	Electrical Works	1	lot									
										Sub-to	tal (n):	0.0
о.	Plumbing Works	1	lot									
										Sub-to	tal (o):	0.0
					тс	TAL BID I	PRICE:					0.00

Submitted by:

Bidder